

JAVA.IO.PRINTWRITER CLASS

http://www.tutorialspoint.com/java/io/java_io_printwriter.htm

Copyright © tutorialspoint.com

Introduction

The **java.util.PrintWriter** class prints formatted representations of objects to a text-output stream.

Class declaration

Following is the declaration for **java.util.PrintWriter** class:

```
public class PrintWriter  
    extends Writer
```

Field

Following are the fields for **java.util.PrintWriter** class:

- **protected Writer out** -- This is the character-output stream of this PrintWriter.
- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	PrintWriter(File file) This creates a new PrintWriter, without automatic line flushing, with the specified file.
2	PrintWriter(File file, String csn) This creates a new PrintWriter, without automatic line flushing, with the specified file and charset.
3	PrintWriter(OutputStream out) This creates a new PrintWriter, without automatic line flushing, from an existing OutputStream.
4	PrintWriter(OutputStream out, boolean autoFlush) This creates a new PrintWriter from an existing OutputStream.
5	PrintWriter(String fileName) This creates a new PrintWriter, without automatic line flushing, with the specified file name.
6	PrintWriter(String fileName, String csn) This creates a new PrintWriter, without automatic line flushing, with the specified file name and charset.
7	PrintWriter(Writer out) This creates a new PrintWriter, without automatic line flushing.
8	PrintWriter(Writer out, boolean autoFlush) This creates a new PrintWriter.

Class methods

S.N.	Method & Description
1	<u>PrintWriter append(char c)</u> This method appends the specified character to this writer.
2	<u>PrintWriter append(CharSequence csq)</u> This method appends the specified character sequence to this writer.
3	<u>PrintWriter append(CharSequence csq, int start, int end)</u> This method appends a subsequence of the specified character sequence to this writer.
4	<u>boolean checkError()</u> This method flushes the stream if it's not closed and checks its error state.
5	<u>protected void clearError()</u> This method Clears the error state of this stream..
6	<u>void close()</u> This method Closes the stream and releases any system resources associated with it.
7	<u>void flush()</u> This method Flushes the stream..
8	<u>PrintWriter format(Locale l, String format, Object... args)</u> This method writes a formatted string to this writer using the specified format string and arguments..
9	<u>PrintWriter format(String format, Object... args)</u> This method writes a formatted string to this writer using the specified format string and arguments..
10	<u>void print(boolean b)</u> This method prints a boolean value.
11	<u>void print(char c)</u> This method prints a character.
12	<u>void print(char[] s)</u> This method Prints an array of characters..
13	<u>void print(double d)</u> This method Prints a double-precision floating-point number. .
14	<u>void print(float f)</u> This method prints a floating-point number.
15	<u>void print(int i)</u> This method prints an integer.
16	<u>void print(long l)</u> This method prints a long integer.
17	<u>void print(Object obj)</u> This method prints an object.
18	<u>void print(String s)</u>

	This method prints a string.
19	<u>PrintWriter printf(Locale l, String format, Object... args)</u> This is a convenience method to write a formatted string to this writer using the specified format string and arguments.
20	<u>PrintWriter printf(String format, Object... args)</u> This is a convenience method to write a formatted string to this writer using the specified format string and arguments.
21	<u>void println()</u> This method terminates the current line by writing the line separator string.
22	<u>void println(boolean x)</u> This method prints a boolean value and then terminates the line.
23	<u>void println(char x)</u> This method prints a character and then terminates the line.
24	<u>void println(char[] x)</u> This method prints an array of characters and then terminates the line.
25	<u>void println(double x)</u> This method prints a double-precision floating-point number and then terminates the line.
26	<u>void println(float x)</u> This method prints a floating-point number and then terminates the line.
27	<u>void println(int x)</u> This method prints an integer and then terminates the line.
28	<u>void println(long x)</u> This method prints a long integer and then terminates the line.
29	<u>void println(Object x)</u> This method prints an Object and then terminates the line.
30	<u>void println(String x)</u> This method prints a String and then terminates the line.
31	<u>protected void setError()</u> This method indicates that an error has occurred.
32	<u>void write(char[] buf)</u> This method writes an array of characters.
33	<u>void write(char[] buf, int off, int len)</u> This method writes a portion of an array of characters.
34	<u>void write(int c)</u> This methodWrites a single character.
35	<u>void write(String s)</u> This method writes a string.
36	<u>void write(String s, int off, int len)</u> This method writes a portion of a string.

Methods inherited

This class inherits methods from the following classes:

- `java.util.Object`